

FIG. 1a

SERVICE PROVIDER

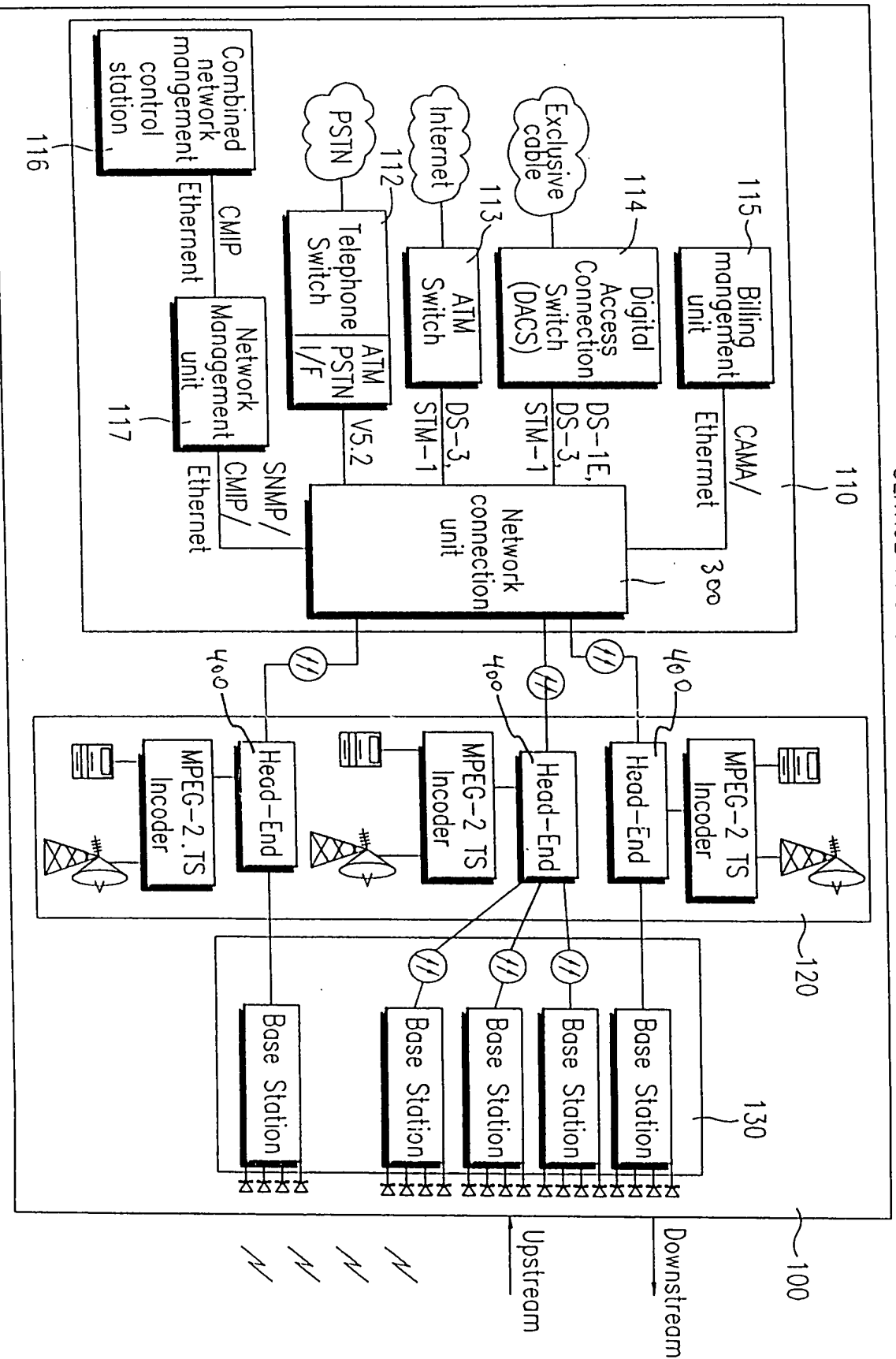


FIG. 1b

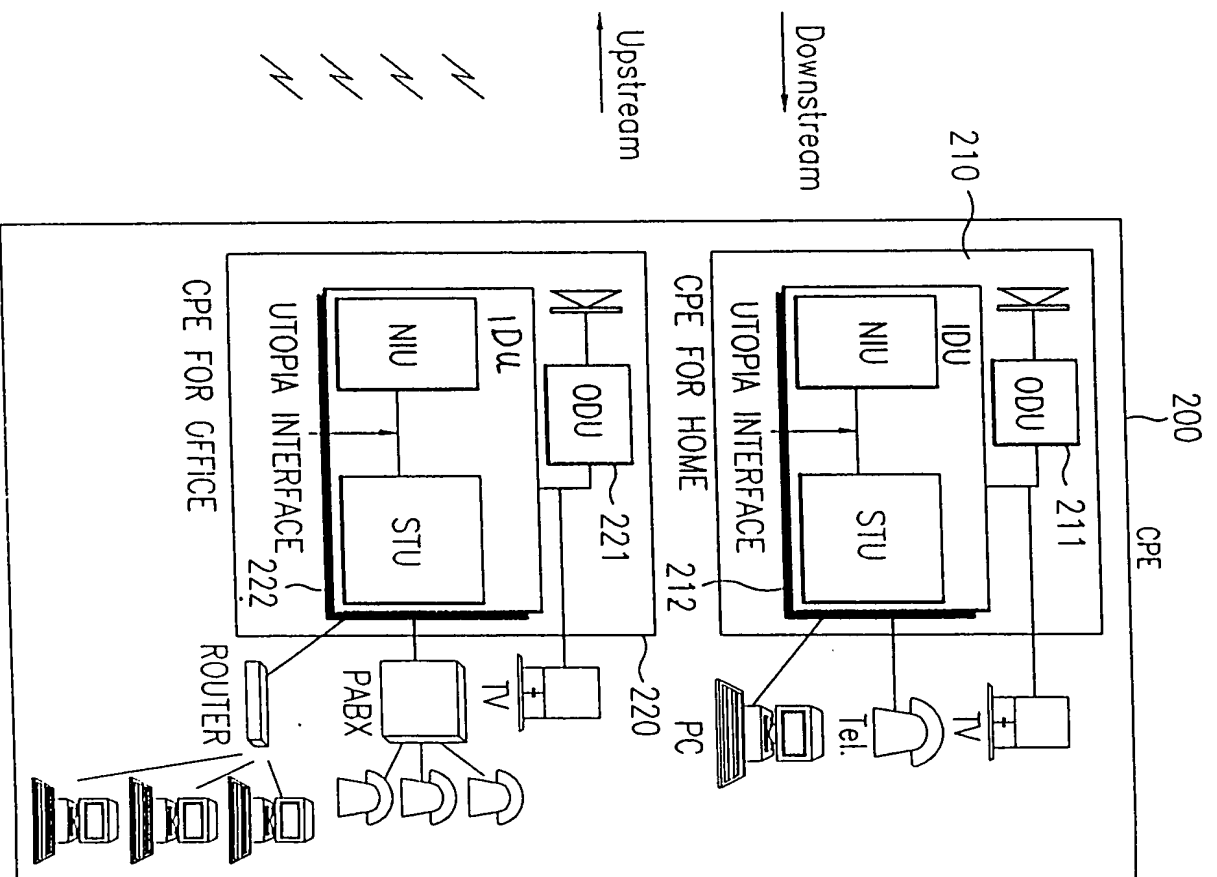


FIG. 1b is a block diagram of a CPE system 200. The CPE system 200 includes a downstream path 210 and an upstream path 220. The downstream path 210 includes an ODU 211 and a UTOPIA INTERFACE 212. The upstream path 220 includes an ODU 221 and a UTOPIA INTERFACE 222. The UTOPIA INTERFACE 212 includes a NIU and an STU. The UTOPIA INTERFACE 222 includes a NIU and an STU. The STU of the UTOPIA INTERFACE 212 is connected to a TV, a Tel., and a PC. The STU of the UTOPIA INTERFACE 222 is connected to a TV, a PABX, and a ROUTER. The ROUTER is connected to multiple computer monitors.

FIG. 2

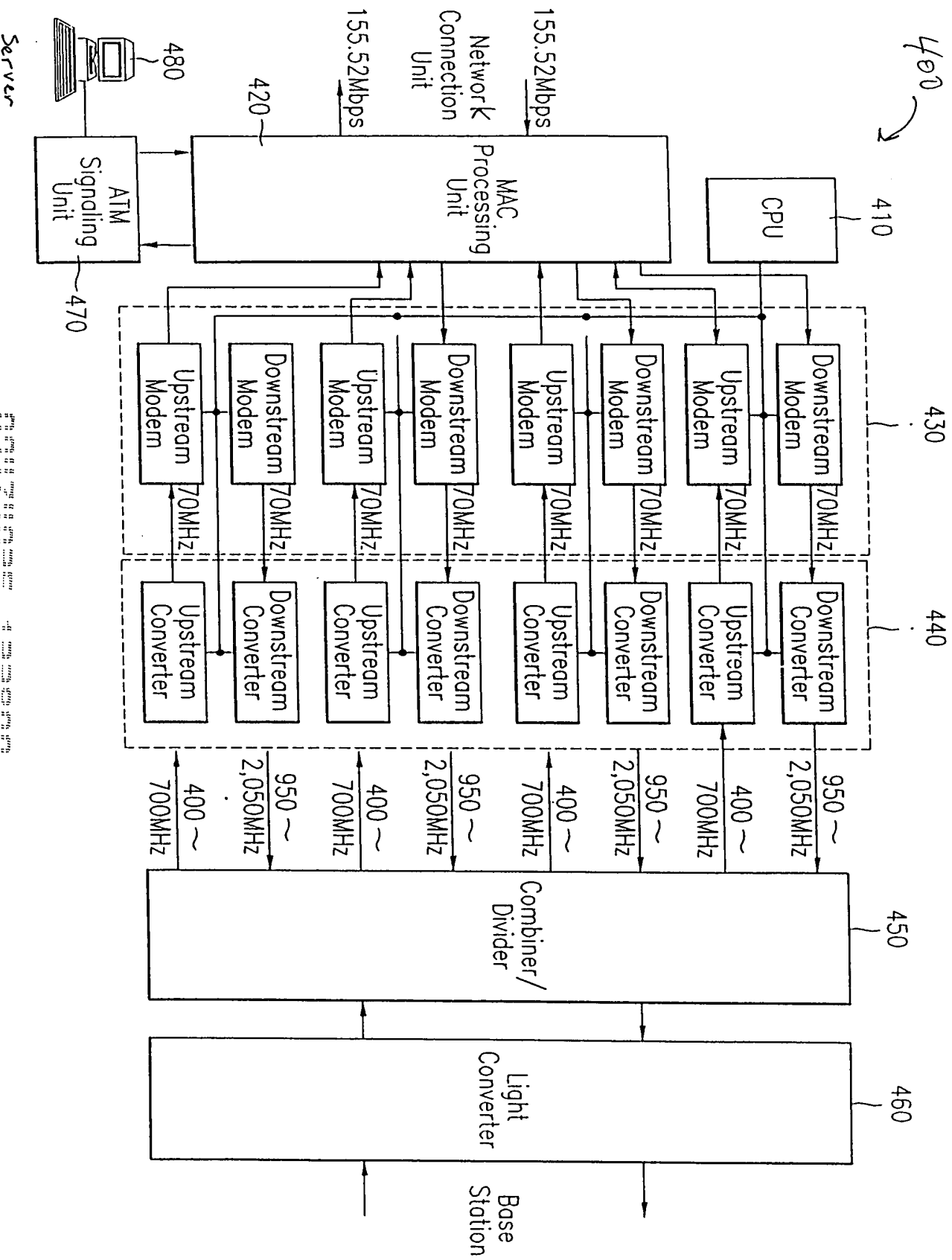


FIG.3

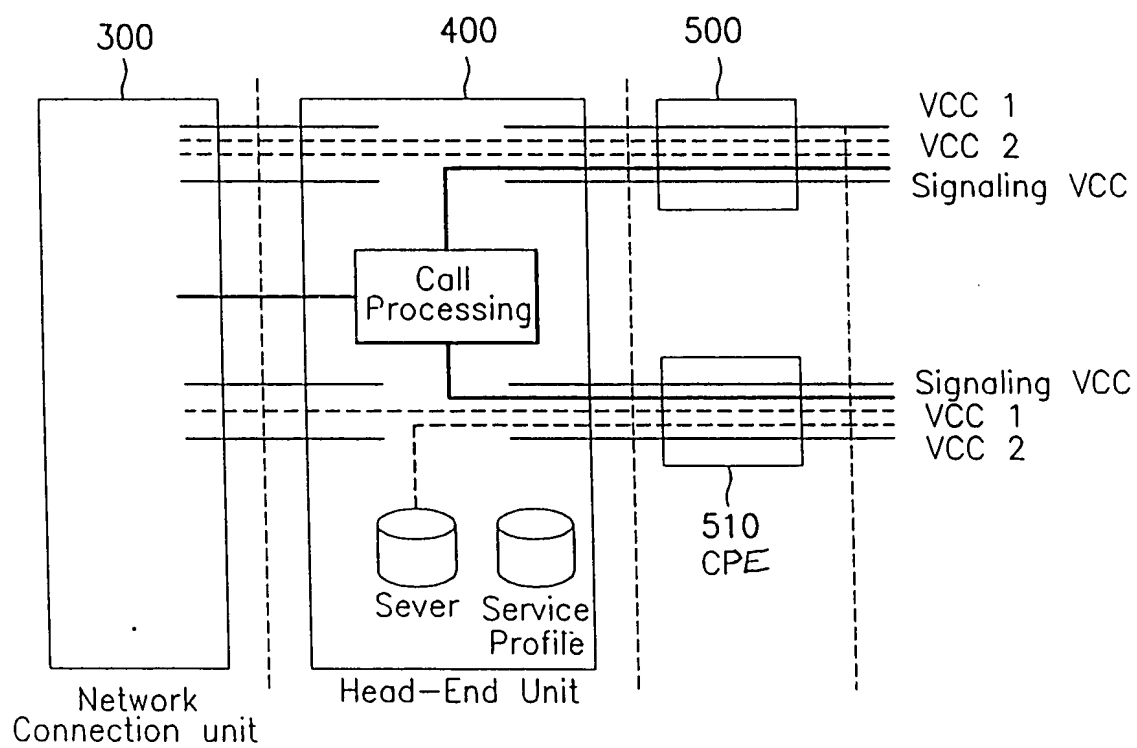


FIG. 4

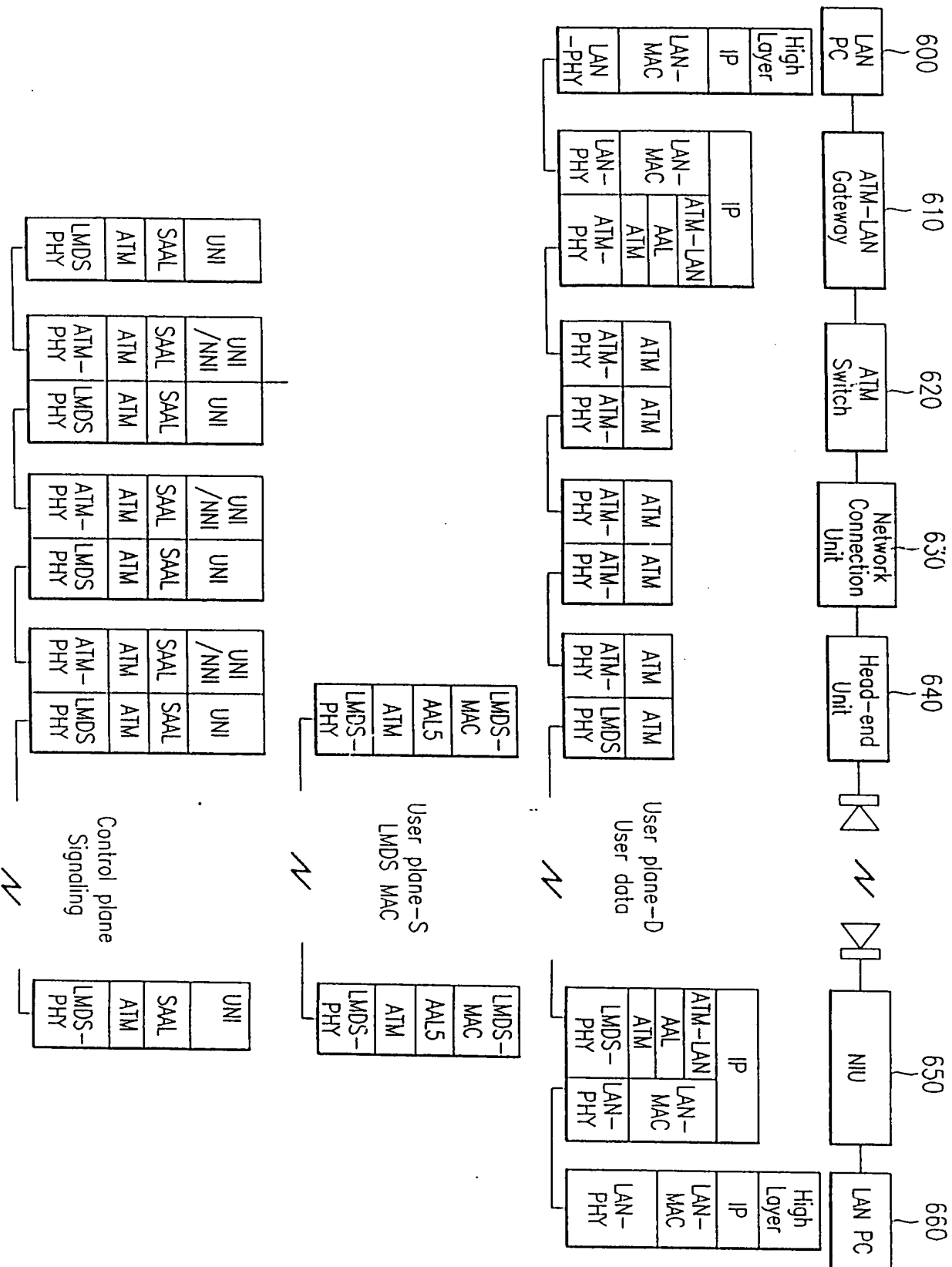


FIG. 5

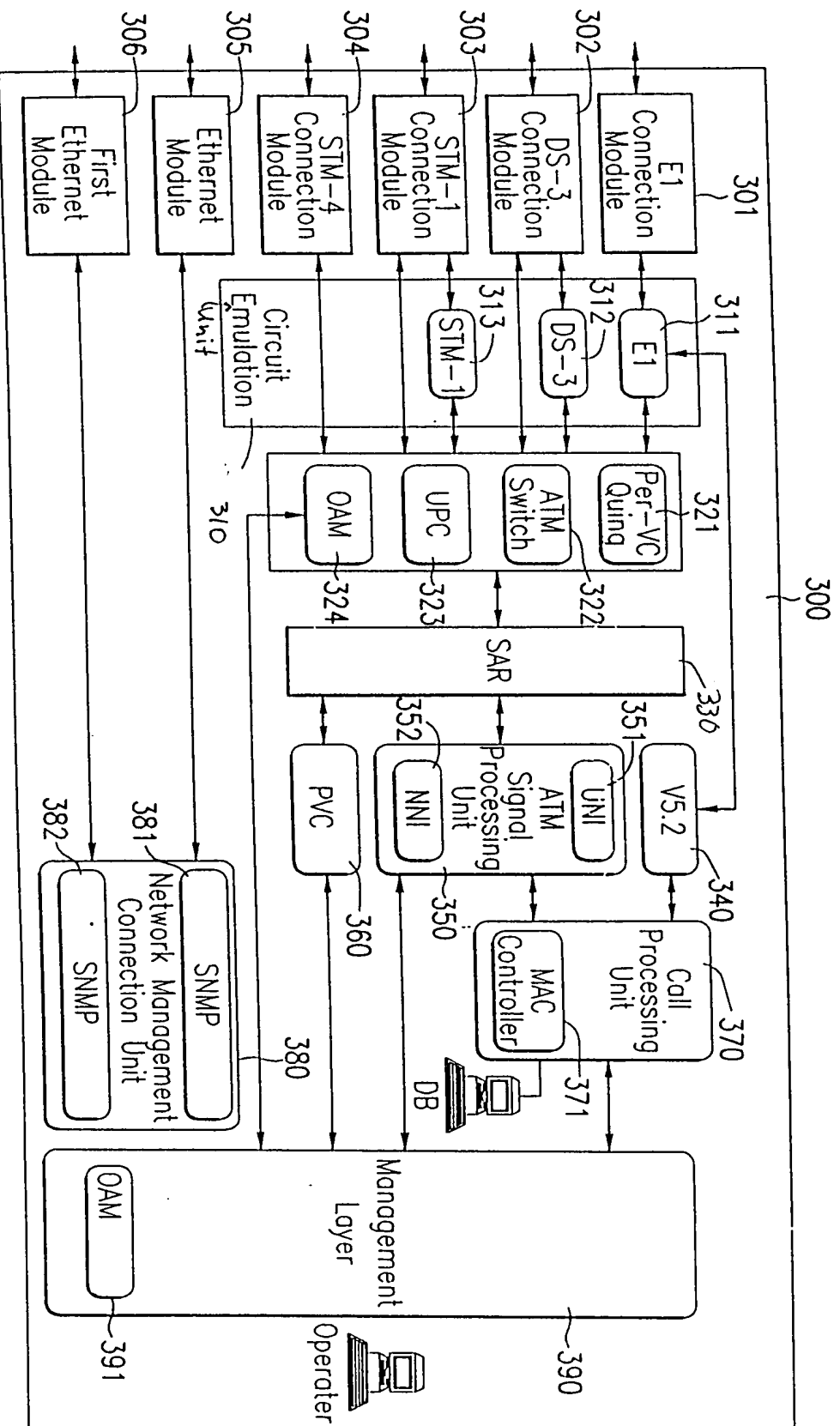


FIG.6

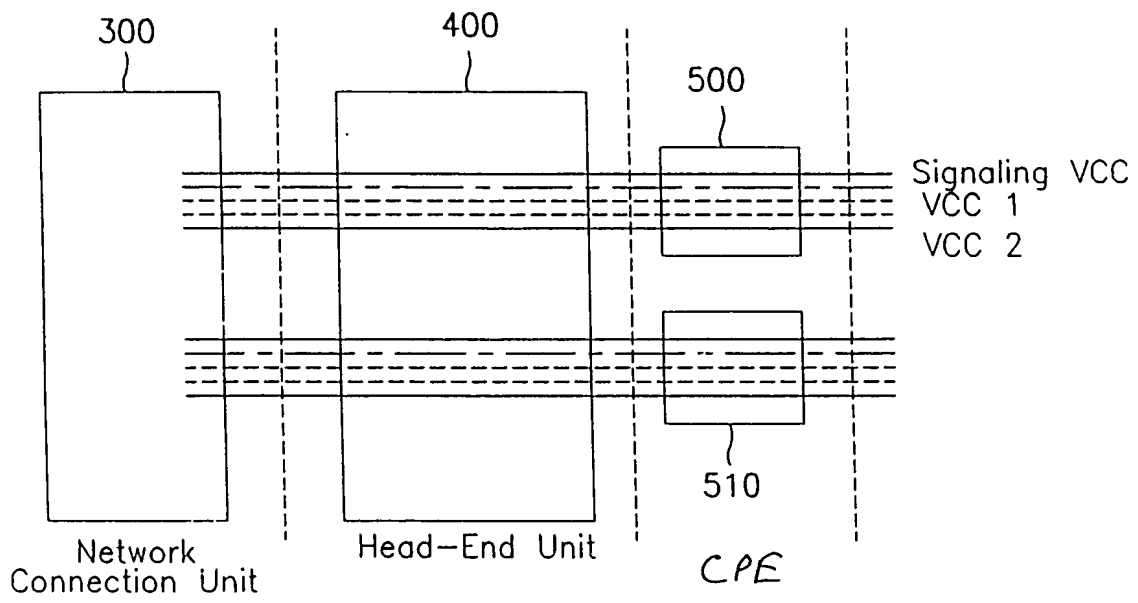


FIG. 7

650 660

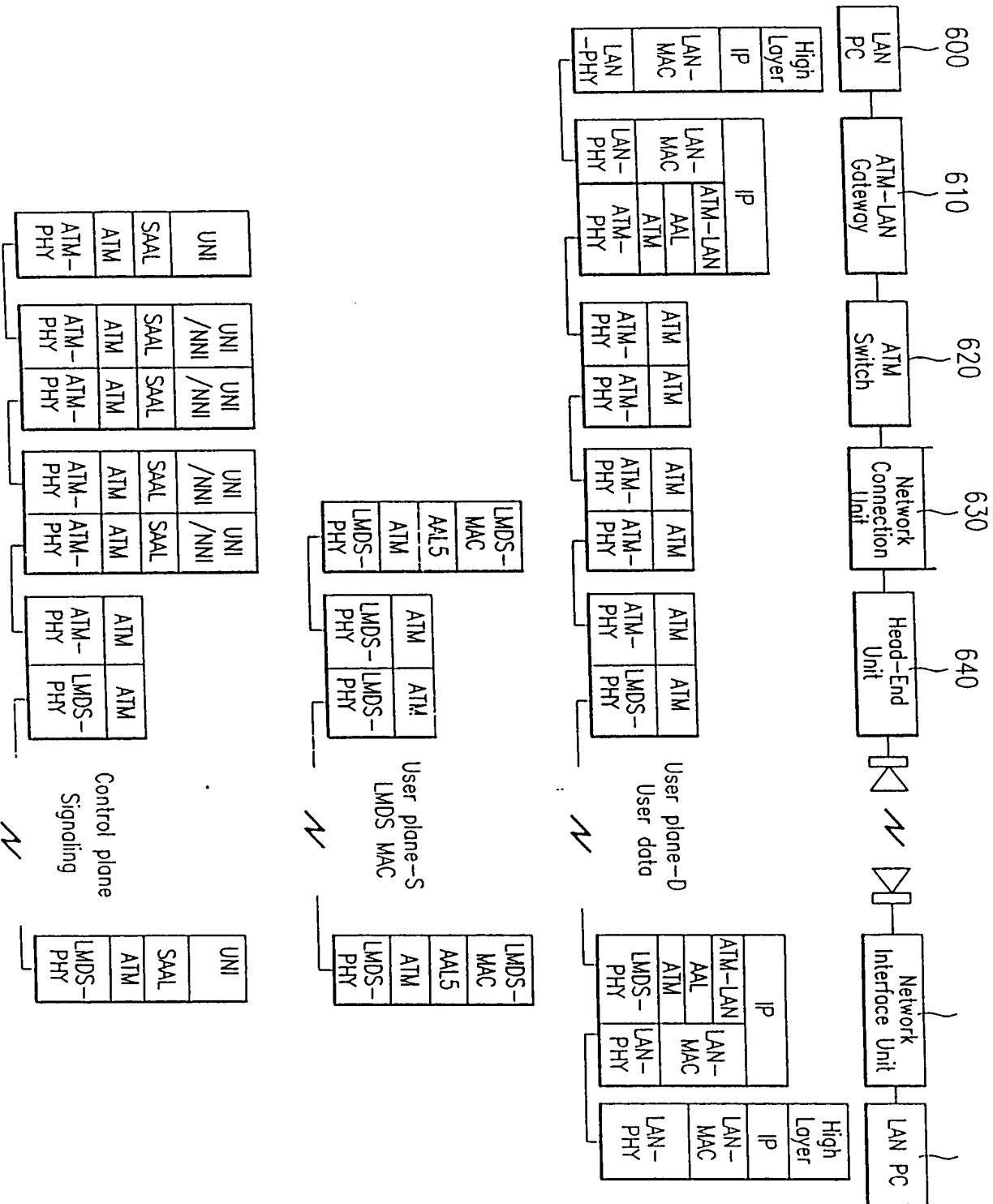




FIG. 8

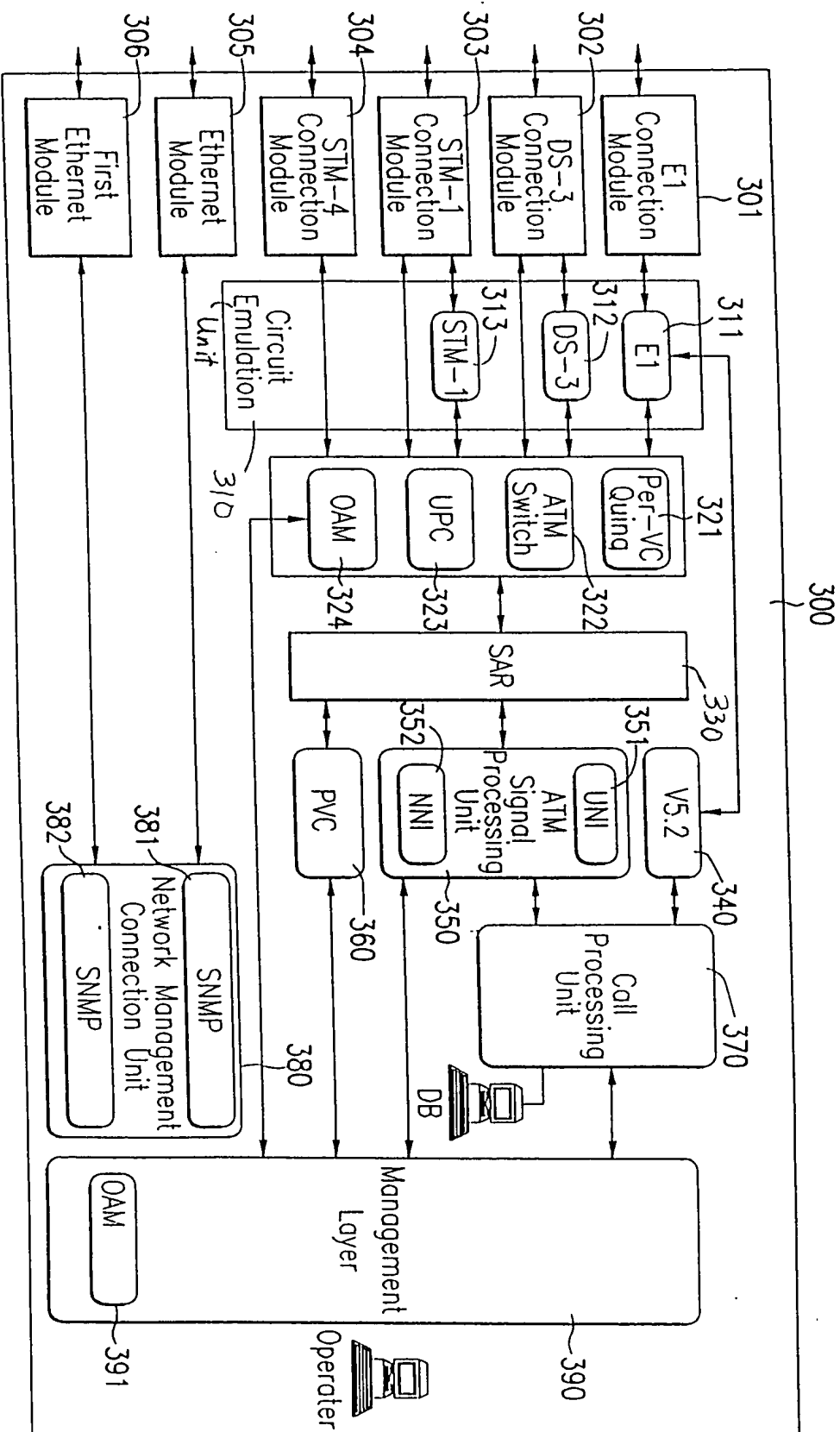


FIG. 9

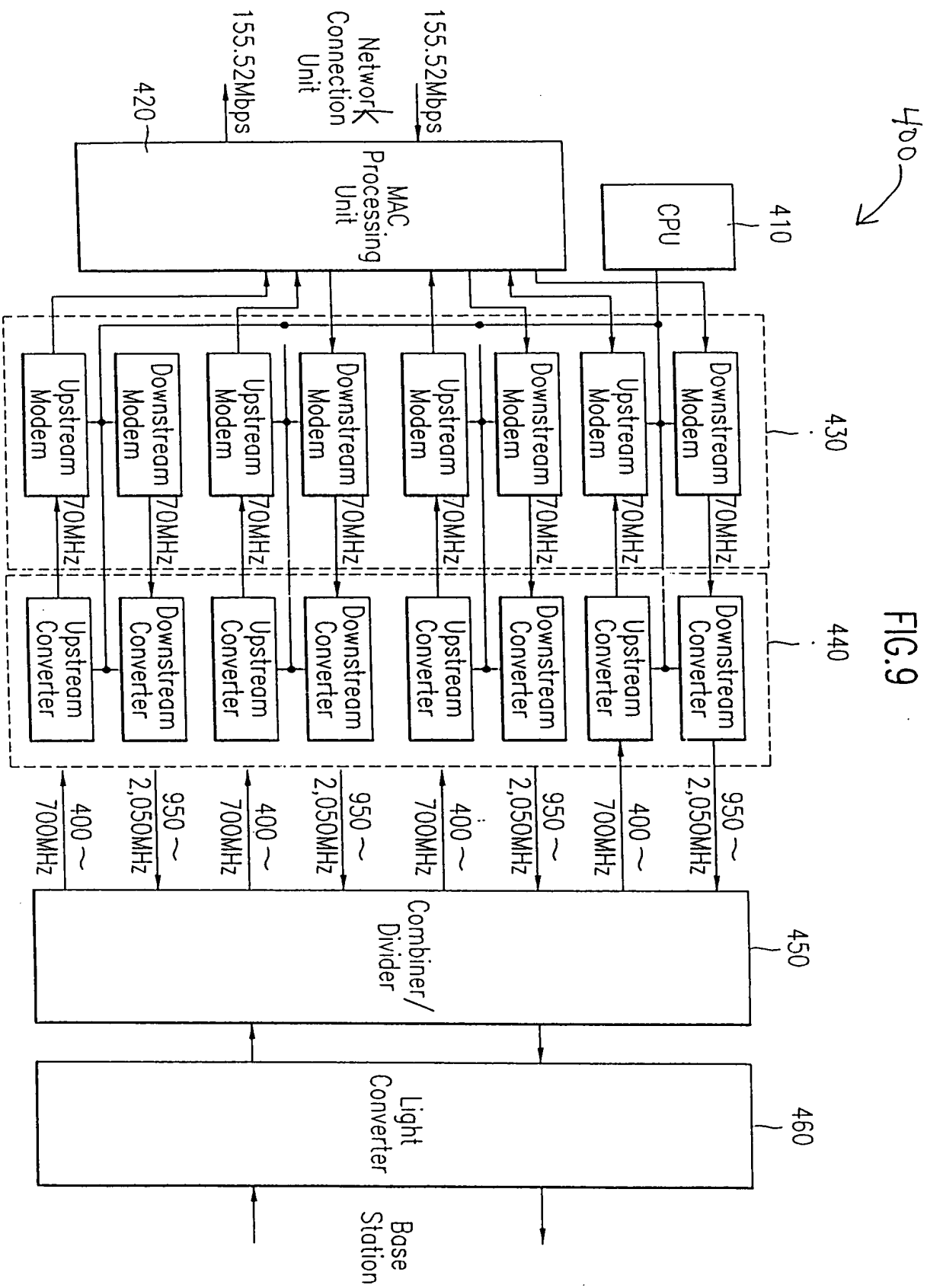


FIG.10

